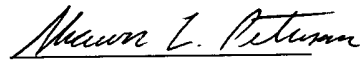


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:)	<u>EXPRESS MAIL</u>
)	
M.S. Munoz et al.)	Label No.: <u>EL 848970712 US</u>
)	
SERIAL NO.: unassigned)	Date: <u>September 29, 2003</u>
)	
FILED: herewith)	
)	
FOR: REDUCING CO-CHANNEL)	
INTERFERENCE IN SATELLITE)	Shawn L. Peterson
COMMUNICATIONS SYSTEMS BY)	Reg. No. 44,286
ANTENNA RE-POINTING)	
)	
GROUP ART UNIT: unassigned)	
)	
EXAMINER: unassigned)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith a copy of each of the following references cited for consideration in connection with the above application.

<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
5,936,588	Rao et al.	08.10.99
6,014,115	Ghaby et al.	01.11.00
6,021,309	Sherman et al.	02.01.00
6,088,416	Perahia et al.	07.11.00
Re. 32, 905	Baran	04.11.89

Foreign Document No.

Country

Publication Date

N/A

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Ruze; "Lateral-feed Displacement in a Paraboloid;" March 11, 1965; pgs. 660-664

W.A. Imbriale, P.G. Ingerson, W.C. Wong;; "Large Lateral Feed Displacements in a Parabolic Reflector;" May 8, 1974; pgs. 742-745

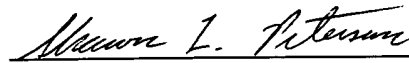
The above references are listed on the enclosed Form PTO-1449 (in duplicate) entitled "Information Disclosure Citation."

This Information Disclosure Statement is being submitted before the receipt of a first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission or credit any overpayment to Deposit Account No. 13-0017, in the name of McAndrews, Held & Malloy, Ltd.

Date: September 29, 2003

Respectfully submitted,



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FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 13073US01
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE herewith	GROUP ART UNIT unassigned
(use several sheets if necessary)		APPLICANT(S): Michael S. Munoz et al.

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	5,936,588	08.10.99	Rao et al.		
	6,014,115	01.11.00	Ghaby et al.		
	6,021,309	02.01.00	Sherman et al.		
	6,088,416	07.11.00	Perahia et al.		
	Re. 32, 905	04.11.89	Baran		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 13073US01
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE herewith	GROUP ART UNIT unassigned
(use several sheets if necessary)	APPLICANT(S): Michael S. Munoz et al.	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
	J. Ruze; "Lateral-feed Displacement in a Paraboloid;" March 11, 1965; pgs. 660-664
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